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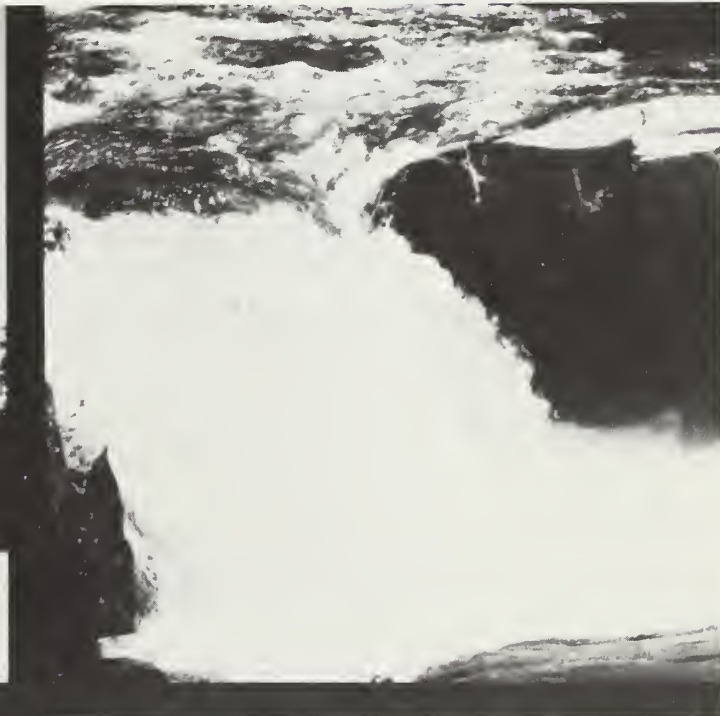
Soil
Conservation
Service

Boise,
Idaho



Idaho Water Supply Outlook

January 1, 1988



Foreword

How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall. This snowfall accumulates high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are viewed in conjunction with snowpack data to prepare runoff forecasts. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data and narratives describing current conditions.

Streamflow forecasts are cooperatively generated by Soil Conservation Service and National Weather Service hydrologists. Forecasts become more accurate as more data affecting runoff becomes known. For this reason, forecasts are issued that reflect three future precipitation conditions — Below Normal, Average, and Above Normal. These forecasts are terms reasonable minimum, most probable, and reasonable maximum. Actual streamflow can be expected to fall between the lower and upper forecast values eight out of ten years.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation, temperature, and other parameters are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below. An annual snow survey data summary is published by the Soil Conservation Service for each of the western states. Historical snow survey data may be obtained at those same offices.

STATE	ADDRESS
Alaska	201 East 9th Ave., Suite 300, Anchorage, AK 99501-3687
Arizona	201 East Indianola, Suite 200, Phoenix, AZ 85012
Colorado	2490 West 26th Ave., Denver, CO 80211
New Mexico	517 Gold Ave. S.W., Room 3301, Albuquerque, NM 87102-3157
Idaho	304 North 8th Street, Room 345, Boise, ID 83702
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT 59715
Nevada	1201 Terminal Way, Room 219, Reno, NV 89502
Oregon	1220 Southwest 3rd Ave., Room 1640, Portland, OR 97204
Utah	4402 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	360 U.S. Court House, Spokane, WA 99201-1080
Wyoming	Federal Building, 100 East "B" Street, Casper, WY 82601

In addition to state reports, a Water Supply Outlook for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 248, Portland, OR 97209.

Published by other agencies:

Water Supply Outlook Reports prepared by other agencies include: California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A 3V1; Alberta, Environment Technical Services Division, 9820 106th St., Edmonton, Alberta T5K 2J6.

Idaho Water Supply Outlook

and

Federal — State — Private Cooperative Snow Surveys

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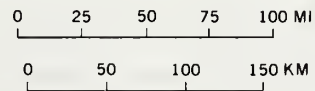
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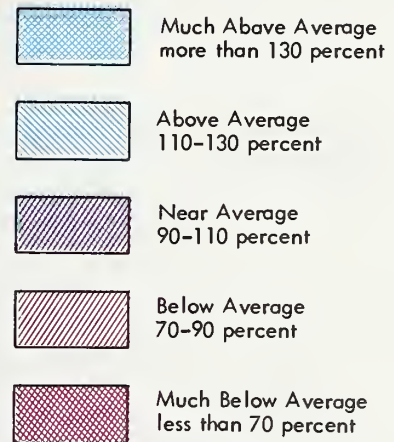
TABLE OF CONTENTS

STATE STREAMFLOW PROSPECTS MAP.....	1
STATE GENERAL OUTLOOK.....	2
BASIN OUTLOOK AND CONDITIONS	
UPPER COLUMBIA BASIN.....	4
CLEARWATER AND SALMON RIVER BASIN	6
WEISER, PAYETTE, AND BOISE RIVER BASIN	8
BIG WOOD, LITTLE WOOD, BIG LOST, AND LITTLE LOST RIVER BASIN	10
WILLOW CREEK, BLACKFOOT, UPPER SNAKE, AND PORTNEUF RIVER BASIN.....	12
SOUTHSIDE SNAKE RIVER BASIN.....	14
GREAT BASIN	16
SNOW DATA MEASUREMENTS	18

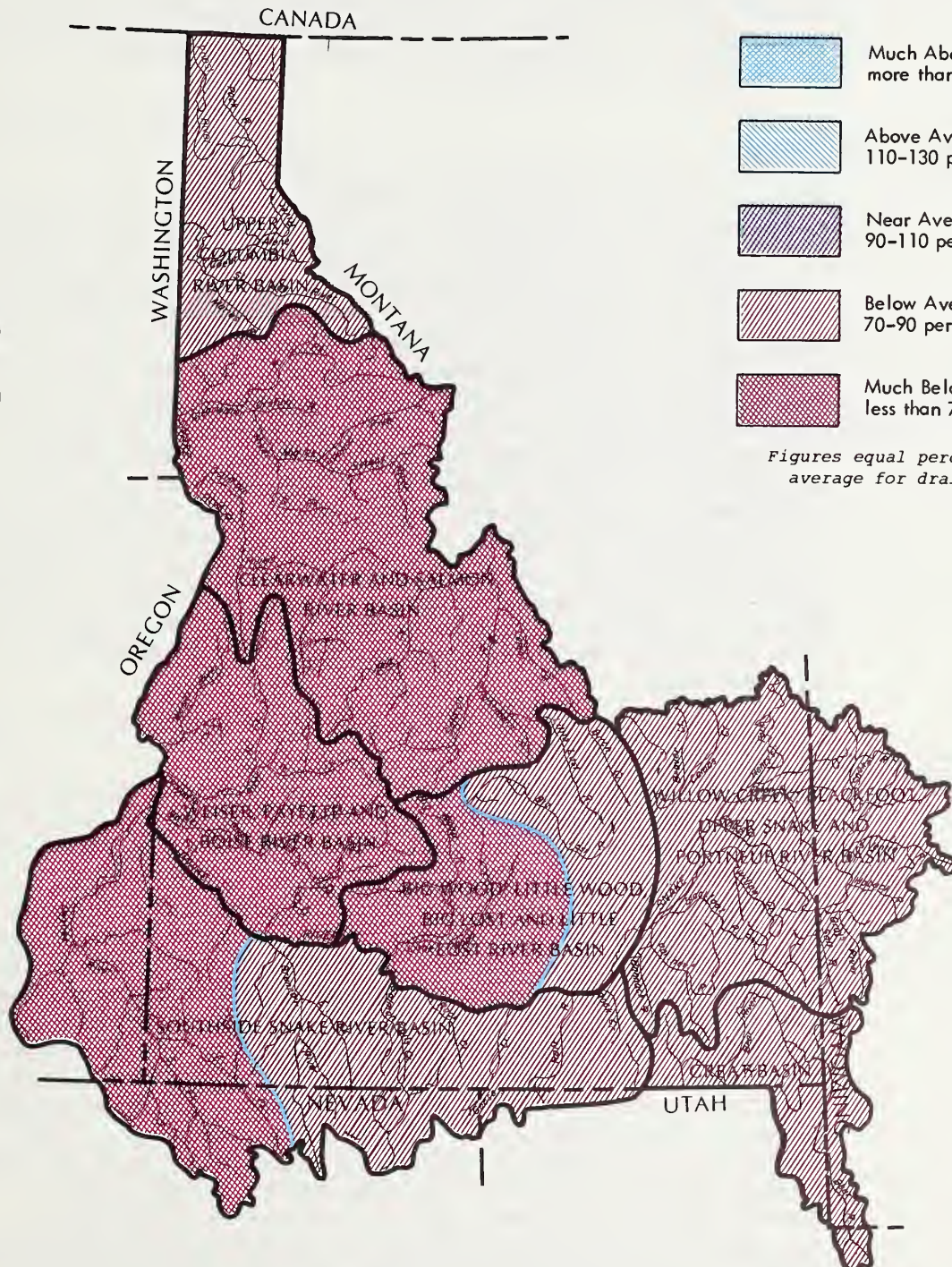
STREAMFLOW PROSPECTS IDAHO



LEGEND



*Figures equal percent of
average for drainage.*



GENERAL OUTLOOK

SUMMARY:

IDAHO'S MOUNTAIN SNOWPACK IS WELL BELOW NORMAL FOR THE SECOND YEAR IN A ROW. SNOW SURVEYS CONDUCTED BY THE SCS REPORT ONLY ABOUT HALF OF THE NORMAL SNOWPACK FOR THIS TIME OF YEAR. AS A RESULT OF THE LOW SNOWPACK AND DRY SOIL MOISTURE CONDITIONS, SPRING AND SUMMER STREAMFLOW FORECASTS ARE BELOW NORMAL AS WELL. RESERVOIR STORAGE IS LOWER THAN NORMAL DUE TO THE HIGH DEPENDENCE ON STORED IRRIGATION WATER DURING LAST YEAR'S DROUGHT. THE MOUNTAIN PRECIPITATION IN THE NEXT FEW MONTHS WILL LARGELY DETERMINE THE FATE OF IDAHO'S 1988 WATER SUPPLY.

SNOWPACK:

Snow Surveys taken near January 1, 1988 show Idaho's snowpack to be below to well below normal throughout the state. In northern Idaho, from the Clearwater drainage north, snowpack conditions range from 46-64% of normal except on the Priest River drainage which reports 71% of normal snowpack. Central Idaho watersheds report snowpacks ranging from a low of 43 to a high of 74% of average with most basins in the 50-65% of normal range. Most basins in the Upper Snake River drainage above American Falls report snowpacks ranging from 56 to 79% of average. Snowpacks in the Upper Bear River and its tributaries in southeastern Idaho range from 56-63% of average. Basins on the south side of the Snake River from the Owyhee Mountains eastward to the Raft River drainage show snowpacks ranging from 54-85% of average with the Jarbidge Mountains reporting the highest percentages.

PRECIPITATION:

Precipitation amounts over Idaho for the October through December period have been below to well below normal. Rainfall during October was light over the southeastern and northern part of the state. November brought near to above normal precipitation to southcentral and southeast Idaho, but the remainder of the state received below to well below normal amounts. The Panhandle averaged from 27-67% for the month. Central Idaho received 45-75% while southwest Idaho received 60-80%. December brought improved precipitation patterns and a wide range of precipitation amounts to the state. On the average, however, the state was again below normal. The extreme north Idaho Panhandle received near or above normal precipitation for the month while the remainder of northern Idaho received 50-62% of average. The central part of the state received 75-85%, southwestern Idaho was rather uniform at 75% of normal, southcentral received 90-100%, and southeastern Idaho ranged from 126% at Pocatello to 50% at Grace.

RESERVOIRS:

The low streamflow volumes in 1987 coupled with below normal precipitation last summer and fall has left most reservoirs with below to well below normal carryover storage. The combined storage in 26 key reservoirs across the state is 74% of normal and only 48% of capacity. Storage figures range from a low of 11% of average (5% of capacity) for Magic Reservoir to a high of 106% of average (74% of capacity) for Island Park Reservoir.

STREAMFLOW:

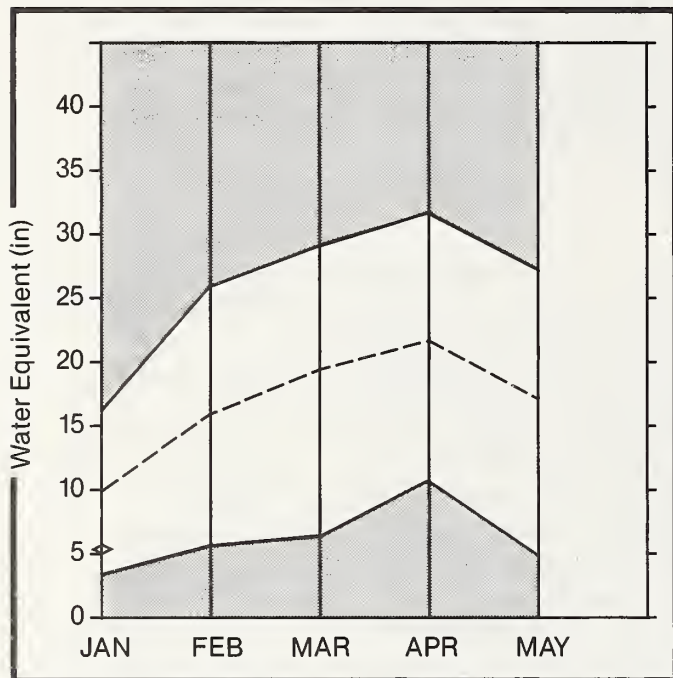
Apr-July seasonal volume streamflows are forecast to be below to well below normal throughout the state with most forecasts falling between 65 and 75% of average. The lowest projections are found in north-central, central, and southwestern Idaho. In northern Idaho, forecasts range from a low of 64% of average on the Clearwater at Orofino to a high of 75% on the Priest River near Priest. Central Idaho forecasts range from 60% of average for the Weiser near Weiser to 76% of average for the Little Lost near Howe. Basins in the Upper Snake range from a low of 68% of normal for the Henrys Fork near Rexburg to 78% of average on the Teton above S. Leigh Creek. Forecasts for drainages on the south side of the Snake range from 50% of average for inflow to Owyhee Reservoir to 83% for the Bruneau near Hot Spring. Streamflows on the Bear River and its tributaries are forecasted between 66 & 77% of normal.

SOIL MOISTURE:

The below normal precipitation patterns which have existed over much of the state though the summer and fall have left most soil profiles very dry. Below normal soil moisture conditions exist over much of northern Idaho, while well below normal conditions exist in the central and southwestern part of the state. Conditions improve in the eastern portion of the state, but remain below normal except in the Bear River drainage where soil moisture conditions are near normal.

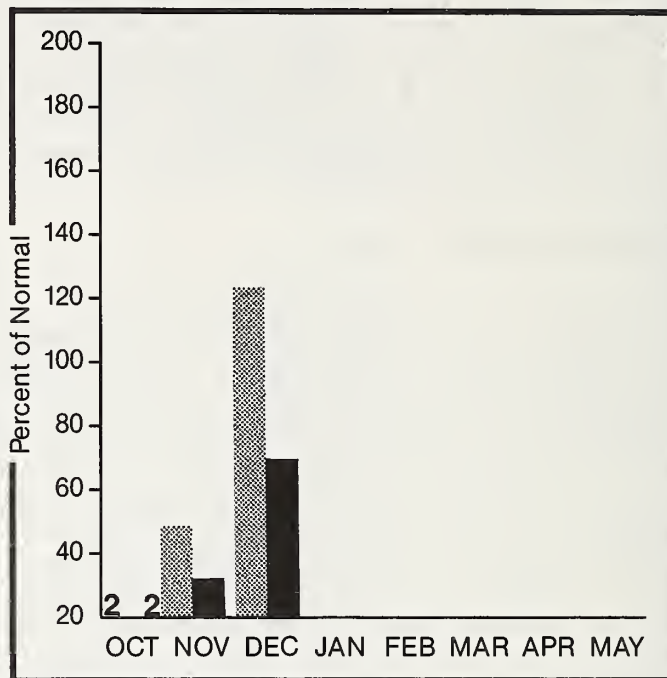
Upper Columbia Basin

Mountain snowpack* (inches)







*Based on selected stations

Precipitation* (percent of normal)



*Based on selected stations

Maximum  Average 
Minimum  Current 

Monthly precipitation  Year to date precipitation 

WATER SUPPLY OUTLOOK:

Snowpack conditions in the Idaho Panhandle are generally well below normal, ranging from 46% to 52% of average on all basins except the Priest River drainage which reports 71% of normal snowpack. Apr-July seasonal volume streamflows are currently forecasted to be below normal, ranging from 72 to 75% of average. Reservoir storage is also below normal for this time of year, ranging from a low of 53% of average in Lake Coeur d'Alene to 93% in Priest Lake.

For more information contact your local Soil Conservation Service office.

UPPER COLUMBIA RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	25 YR. AVG. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	REAS. MAX. (1000AF)	REAS. MAX. (% AVG.)	REAS. MIN. (1000AF)	REAS. MIN. (% AVG.)
KOOTENAI at Leonia 2	APR-SEP	8441.0	6490.0	77	9110.0	108	3870.0	46
	APR-JUL	7340.0	5640.0	77	7920.0	108	3360.0	46
	APR-JUN	5899.0	4540.0	77	6370.0	108	2710.0	46
CLARK FORK at White Horse Rapids 2	APR-SEP	13370.0	8960.0	67	14300.0	107	3610.0	27
	APR-JUL	12150.0	8140.0	67	13000.0	107	3280.0	27
	APR-JUN	10360.0	6940.0	67	11100.0	107	2800.0	27
PEND OREILLE LAKE inflow 2	APR-SEP	14930.0	10000.0	67	16000.0	107	4030.0	27
	APR-JUL	13650.0	9140.0	67	14600.0	107	3680.0	27
	APR-JUN	11780.0	7890.0	67	12600.0	107	3180.0	27
PRIEST RIVER at Priest 2	APR-SEP	893.0	670.0	75	1010.0	113	330.0	37
	APR-JUL	838.0	630.0	75	950.0	113	310.0	37
SPOKANE at Post Falls	APR-SEP	2820.0	2080.0	74	3520.0	125	640.0	23
SPOKANE at Post Falls 2	APR-JUL	2723.0	1950.0	72	3340.0	123	560.0	21
ST. JOE at Calder	APR-SEP	1281.0	960.0	75	1380.0	108	535.0	42
	APR-JUL	1211.0	885.0	73	1290.0	107	485.0	40
COEUR D' ALENE at Enaville	APR-SEP	830.0	595.0	72	1000.0	120	190.0	23
	APR-JUL	789.0	565.0	72	950.0	120	180.0	23

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS			
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE	
HUNGRY HORSE	3451.0	2039.0	2613.0	2649.0	Kootenai ab Bonners Ferry	25	62	55
FLATHEAD LAKE	1791.0	929.0	1099.0	1340.0	Pend Oreille River	118	69	55
PEND OREILLE	1155.0	544.7	147.2	744.9	Clark Fork River	83	75	57
NOXON RAPIDS	335.0	320.5	313.2	318.1	Priest River	5	91	71
COEUR D'ALENE	222.8	110.0	134.2	207.7	Rathorun Creek	0	0	0
PRIEST LAKE	97.7	32.8	32.8	35.2	Hayden Lake	0	0	0
					Coeur d'Alene River	8	58	46
					St. Joe River	8	64	52
					Spokane River	16	62	49
					Palouse River	0	0	0

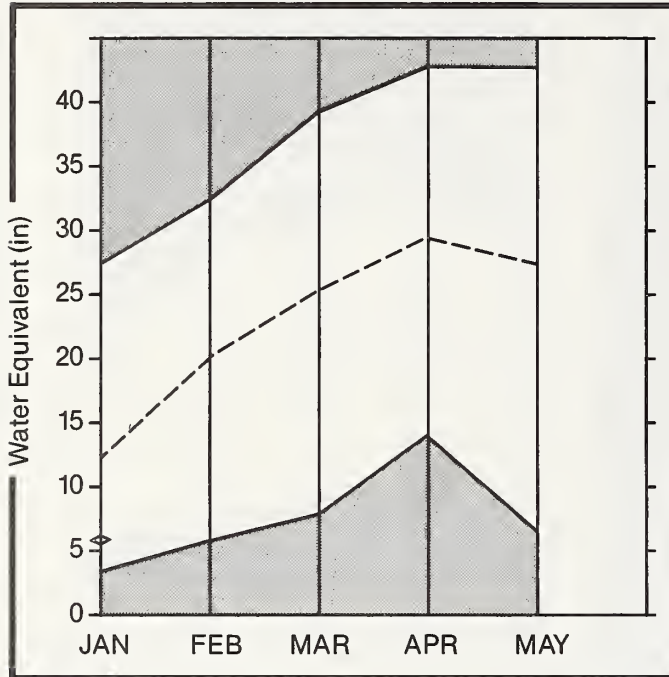
1 - Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below.

2 - Corrected for upstream diversions or changes in reservoir storage.

The average is computed for the 1961-85 base period.

Clearwater and Salmon River Basin

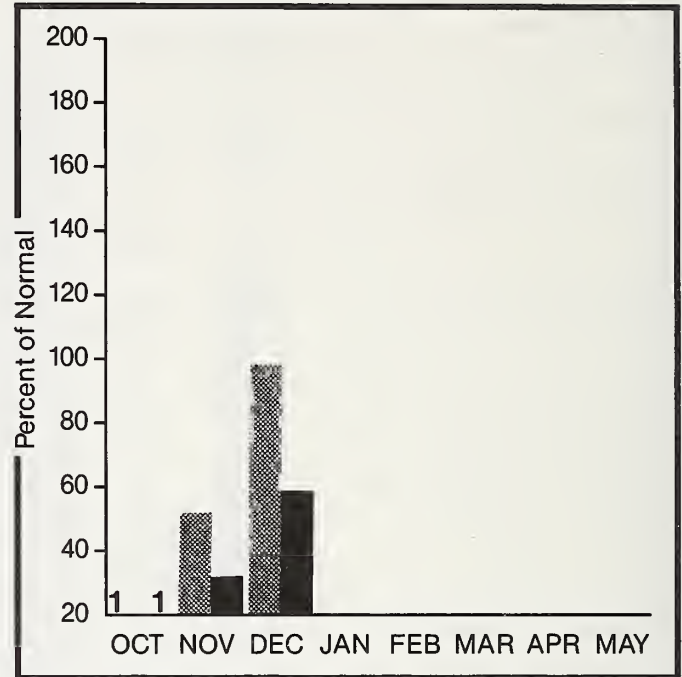
Mountain snowpack* (inches)



*Based on selected stations

Maximum Average
Minimum Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation Year to date precipitation

WATER SUPPLY OUTLOOK:

Well below normal snowpack conditions exist throughout the basin. In the Clearwater drainage, snowpacks range from 47% of average on the North Fork of the Clearwater to 64% on the Lochsa basin. The Salmon River drainage reports snowpacks ranging from 54 to 63% of average. Apr-July seasonal volume streamflows are forecast to be below normal, ranging from 64% for the Clearwater at Orofino to 71% for the Salmon near Whitebird. Dworshak reservoir carryover storage is reported to be 83% of normal and 58% of capacity.

For more information contact your local Soil Conservation Service office.

CLEARWATER AND SALMON RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	25 YR. AVG. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	REAS. MAX. (1000AF)	REAS. MAX. (% AVG.)	REAS. MIN. (1000AF)	REAS. MIN. (% AVG.)
CLEARWATER at Orofino	APR-SEP	5163.0	3310.0	64	5630.0	109	985.0	19
	APR-JUL	4889.0	3130.0	64	5330.0	109	930.0	19
CLEARWATER at Spalding	APR-SEP	8378.0	5450.0	65	9390.0	112	1510.0	18
	APR-JUL	7916.0	5140.0	65	8860.0	112	1420.0	18
DWORSHAK RESERVOIR inflow	APR-SEP	3010.0	2110.0	70	3430.0	114	785.0	26
	APR-JUL	2822.0	1970.0	70	3210.0	114	730.0	26
SALMON at Whitebird	APR-SEP	7007.0	4980.0	71	7640.0	109	2320.0	33
	APR-JUL	6322.0	4510.0	71	6910.0	109	2110.0	33
SALMON at Salmon	APR-SEP	1077.0	735.0	68	1280.0	119	195.0	18
	APR-JUL	919.0	625.0	68	1080.0	118	165.0	18

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS			
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE **			WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF	
		THIS YEAR	LAST YEAR	AVG.			LAST YR.	AVERAGE
DWORSHAK	3467.8	2011.5	2424.5	2431.0	North Fork Clearwater	13	65	47
					Lochsa River	4	88	64
					Selway River	4	88	57
					Clearwater River	18	73	52
					Salmon River ab Salmon	7	132	63
					Lemhi River	2	103	70
					Salmon River Total	22	110	55

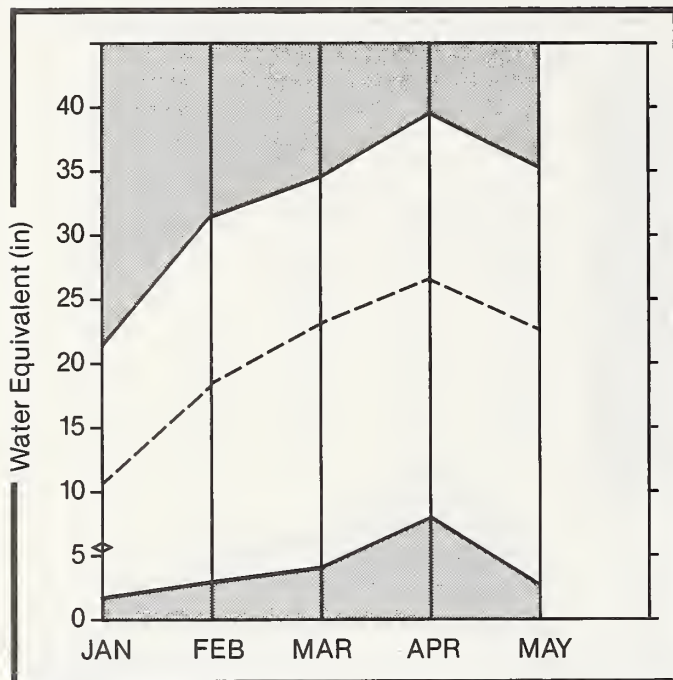
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Weiser, Payette, and Boise River Basin

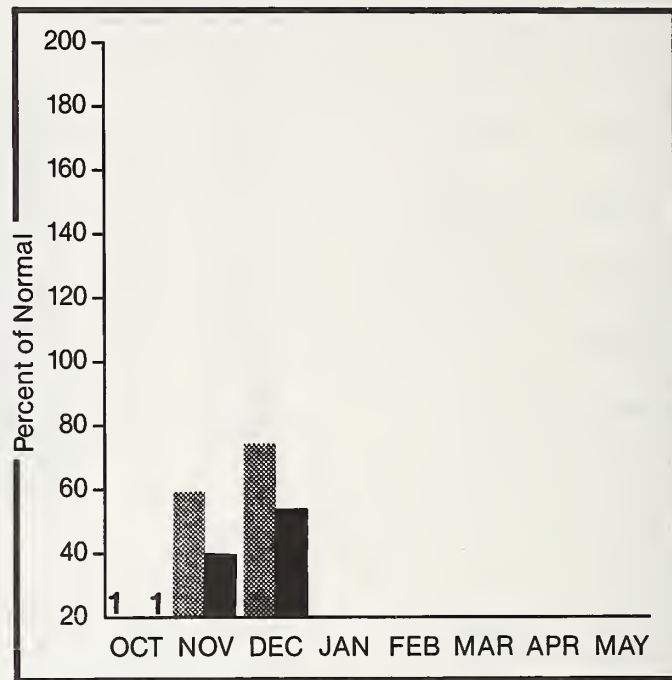
Mountain snowpack* (inches)



*Based on selected stations

Maximum Average
Minimum Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation Year to date precipitation

WATER SUPPLY OUTLOOK:

January 1 snow surveys show snowpack conditions to be much below normal, ranging from only 46% of average on the N. F. Payette to 55% on the South and Middle Forks of the Boise. Apr-July seasonal volume streamflows are forecast to be below normal ranging from 60% for the Weiser near Weiser to 71% for the Boise River near Twin Springs. Reservoir carryover storage is reported to be below to well below average throughout the basin ranging from a low of 26% of normal in Mann Creek reservoir near Weiser to 85% in Cascade reservoir. Soil moisture conditions are also well below normal as a result of the dry summer and fall weather conditions.

For more information contact your local Soil Conservation Service office.

WEISER, PAYETTE AND BOISE RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	25 YR. AVG. (1000AF)	MDST PROBABLE (1000AF)	MDST PROBABLE (% AVG.)	REAS. MAX. (1000AF)	REAS. MAX. (% AVG.)	REAS. MIN. (1000AF)	REAS. MIN. (% AVG.)
WEISER nr Weiser	APR-SEP	444.0	265.0	60	470.0	106	61.0	14
	APR-JUL	414.0	250.0	60	440.0	106	60.0	14
PAYETTE RIVER at Horseshoe Bend	APR-SEP	1862.0	1270.0	68	1830.0	98	710.0	38
	APR-JUL	1717.0	1170.0	68	1690.0	98	655.0	38
NF PAYETTE RIVER at Cascade 2	APR-SEP	568.0	385.0	68	525.0	92	240.0	42
	APR-JUL	531.0	355.0	67	490.0	92	220.0	41
NF PAYETTE RIVER nr Banks 2	APR-SEP	737.0	500.0	68	720.0	98	280.0	38
	APR-JUL	691.0	470.0	68	680.0	98	260.0	38
SF PAYETTE RIVER at Lowman	APR-SEP	516.0	360.0	70	515.0	100	205.0	40
	APR-JUL	458.0	320.0	70	455.0	99	180.0	39
DEADWOOD RESERVOIR inflow	APR-JUL	143.0	100.0	70	163.0	114	37.0	26
BOISE RIVER nr Twin Springs 1	APR-SEP	722.0	510.0	71	785.0	109	235.0	33
	APR-JUL	664.0	470.0	71	720.0	108	220.0	33
SF BOISE at Anderson Dam 1	APR-SEP	619.0	420.0	68	635.0	103	200.0	32
	APR-JUL	578.0	395.0	68	600.0	104	195.0	34
BOISE RIVER nr Boise 1	APR-SEP	1628.0	1140.0	70	1840.0	113	440.0	27
	APR-JUL	1508.0	1060.0	70	1710.0	113	410.0	27
	APR-JUN	1334.0	935.0	70	1510.0	113	360.0	27

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE
MANN CREEK	11.3	1.1	2.7	4.2	Mann Creek	1	147 45
CASCADE	703.2	356.5	462.7	419.7	Weiser River	4	123 47
DEADWOOD	162.0	60.0	83.4	73.7	North Fork Payette	10	86 47
ANDERSON RANCH	464.2	129.0	367.3	319.9	South Fork Payette	7	131 52
ARRDWRDCK	286.6	97.2	193.2	193.8	Payette River Total	16	102 49
LUCKY PEAK	307.0	72.9	59.2	94.5	Middle & North Fork Boise	9	150 55
LAKE LOWELL (DEER FLAT)	177.0	86.3	129.1	126.0	South Fork Boise River	10	226 55
					Boise River Total	19	165 50
					Canyon Creek	2	160 28

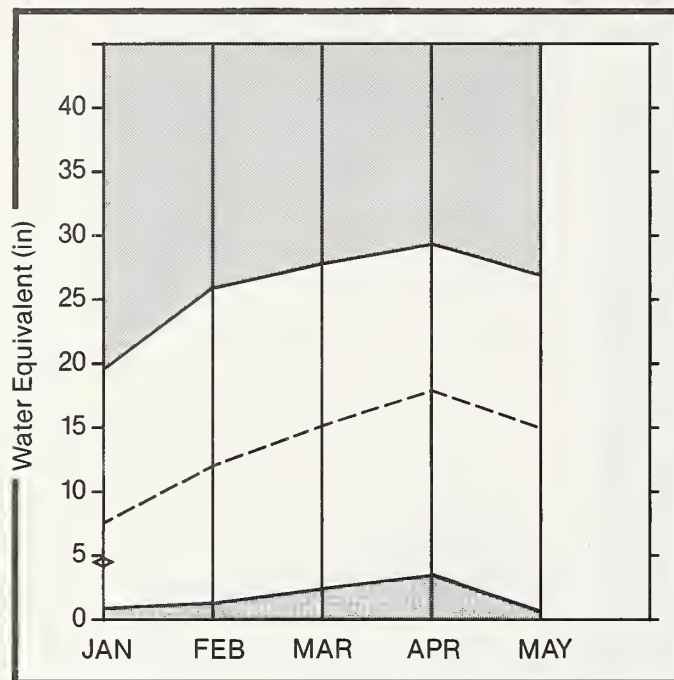
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Big Wood, Little Wood, Big Lost, and Little Lost River Basin

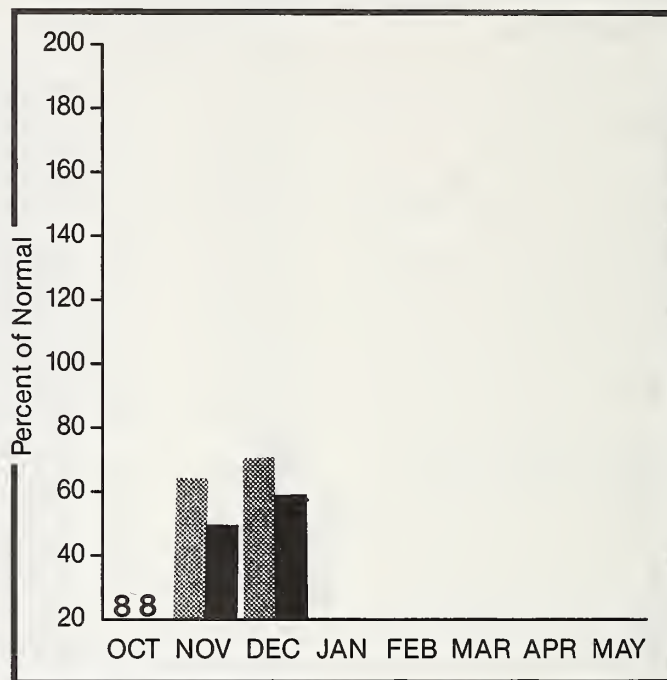
Mountain snowpack* (inches)





*Based on selected stations

Maximum ——— Average - - - - -
Minimum ——— Current ———

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation  Year to date precipitation 

WATER SUPPLY OUTLOOK:

January 1 snowpack conditions are below to well below normal throughout the basin ranging from only 43% of average on the Camas Creek drainage near Fairfield to 74% on the Little Lost River. Soils are very dry and can be expected to absorb significant amounts of water when snowmelt begins this spring. Water supply forecasts for the Apr-July period are below normal ranging from 68% for the Little Wood near Carey to 76% for the Little Lost near Howe. Reservoir carryover storage is also below normal, ranging from only 11% of average in Magic Reservoir to 78% of average in Mackay Reservoir.

For more information contact your local Soil Conservation Service office.

BIG WOOD, LITTLE WOOD, BIG LOST AND LITTLE LOST RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	25 YR. AVG. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	REAS. MAX. (1000AF)	REAS. MAX. (% AVG.)	REAS. MIN. (1000AF)	REAS. MIN. (% AVG.)
BIG WOOD nr Bellevue	APR-SEP	217.0	150.0	69	215.0	99	83.0	38
	APR-JUL	202.0	141.0	70	205.0	101	78.0	39
MAGIC RESERVOIR inflow	APR-SEP	338.0	235.0	70	410.0	121	59.0	17
	APR-JUL	322.0	225.0	70	390.0	121	58.0	18
LITTLE WOOD nr Carey	APR-SEP	107.0	73.0	68	110.0	103	36.0	34
	APR-JUL	99.0	67.0	68	102.0	103	32.0	32
BIG LOST at Howell Ranch	APR-SEP	219.0	158.0	72	245.0	112	70.0	32
	APR-JUL	192.0	138.0	72	215.0	112	61.0	32
	APR-JUN	148.0	107.0	72	166.0	112	48.0	32
BIG LOST nr Mackay 2	APR-SEP	195.0	136.0	70	215.0	110	58.0	30
LITTLE LOST bl Wet Ck	APR-SEP	38.8	29.0	75	45.0	116	13.0	34
	APR-JUL	31.4	24.0	76	37.0	118	11.0	35
LITTLE LOST nr Howe	APR-SEP	44.0	33.0	75	51.0	116	15.0	34
	APR-JUL	33.0	25.0	76	38.0	115	12.0	36

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS			
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE	
MAGIC	191.5	10.1	108.5	89.0	Big Wood ab Magic	10	215	63
LITTLE WOOD	30.0	8.8	17.2	13.5	Camas Creek	5	460	43
CAREY VALLEY		NO REPORT			Big Wood Total	14	238	57
MACKAY	44.5	20.5	27.6	26.4	Little Wood River	4	888	62
					Fish Creek	0	0	0
					Big Lost River	4	304	67
					Little Lost River	4	233	74

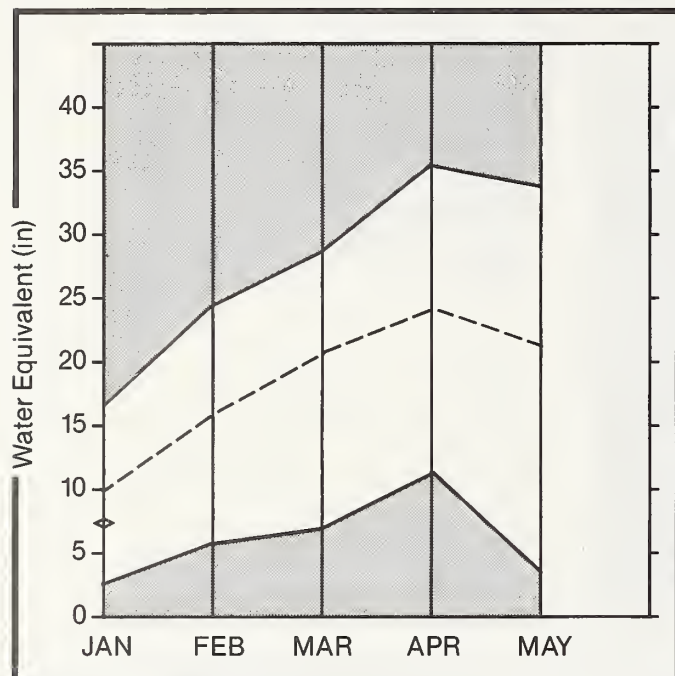
1 - Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below.

2 - Corrected for upstream diversions or changes in reservoir storage.

The average is computed for the 1961-85 base period.

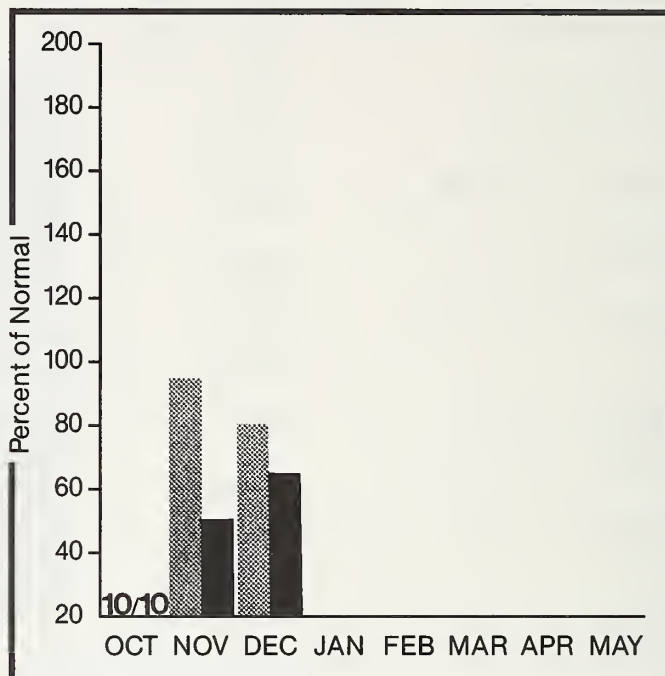
Willow Creek, Blackfoot, Upper Snake, and Portneuf River Basin

Mountain snowpack* (inches)



*Based on selected stations

Precipitation* (percent of normal)



*Based on selected stations

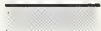
Maximum



Average



Minimum



Current



Monthly precipitation



Year to date precipitation



WATER SUPPLY OUTLOOK:

Snowpack conditions are generally below to well below normal throughout the basin. Snow measurements in the Upper Snake basin above Jackson, Wyoming report the highest snowpack conditions with 79% of normal. Several snow courses in the basin report near normal conditions. Elsewhere, snowpacks range from 52% of normal on the Salt River to 70% of the Henry's Fork. Apr-July seasonal volume streamflows are forecast to be lower than normal, ranging from 70% for the Portneuf near Topaz to 78% for the Teton above S. Leigh Creek. Reservoir carryover storages are generally near or slightly below normal, ranging from 82% of average in Grassy Lake to 106% in Island Park Reservoir. The exceptions to this are Palisades Reservoir which has 67% of normal storage and Jackson Lake which is at only 16%. The Jackson Lake storage level is currently restricted to low levels for construction purposes.

WILLOW CREEK, BLACKFOOT, UPPER SNAKE AND PORTNEUF RIVER BASIN

STREAMFLOW FORECASTS

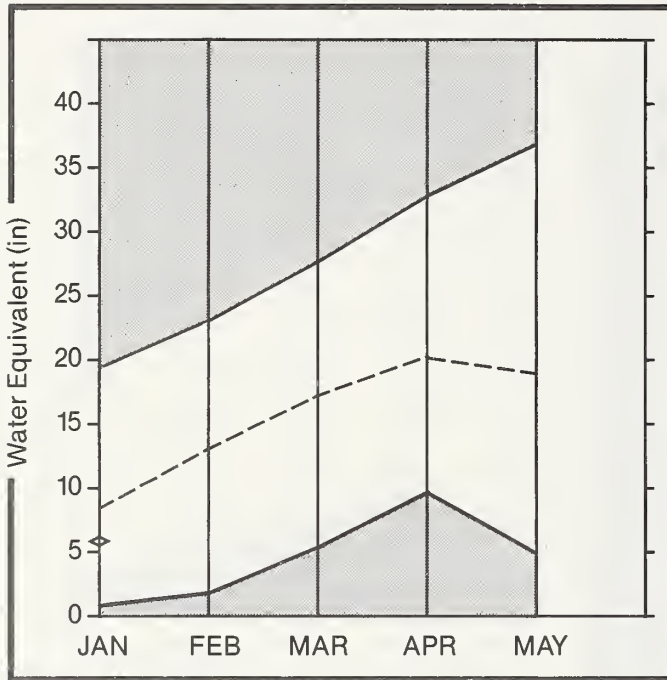
FORECAST POINT	FORECAST PERIOD	25 YR. AVG. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	REAS. MAX. (1000AF)	REAS. MAX. (% AVG.)	REAS. MIN. (1000AF)	REAS. MIN. (% AVG.)
HENRY'S FORK nr Ashton 2	APR-SEP APR-JUL	746.0 557.0	560.0 420.0	75 75	665.0 500.0	89 90	455.0 340.0	61 61
HENRYS FORK nr Rexburg 2	APR-SEP APR-JUL	1595.0 1260.0	1080.0 860.0	68 68	1480.0 1180.0	93 94	680.0 545.0	43 43
FALLS RIVER nr Squirrel	APR-JUL	373.0	275.0	74	370.0	99	175.0	47
TETON RIVER ab S Leigh Ck.	APR-SEP APR-JUL	194.0 145.0	151.0 113.0	78 78	190.0 142.0	98 98	112.0 84.0	58 58
TETON nr St. Anthony	APR-SEP APR-JUL	479.0 387.0	360.0 290.0	75 75	455.0 365.0	95 94	265.0 210.0	55 54
SNAKE at Moran 1	APR-SEP	888.0	650.0	73	870.0	98	430.0	48
PALISADES LAKE inflow 1	APR-SEP	3852.0	2890.0	75	4350.0	113	1430.0	37
SNAKE nr Heise 2	APR-SEP APR-JUL	4142.0 3524.0	2980.0 2550.0	72 72	4300.0 3680.0	104 104	1660.0 1420.0	40 40
SNAKE nr Blackfoot 2	APR-SEP APR-JUL	5680.0 4589.0	4090.0 3300.0	72 72	5910.0 4770.0	104 104	2270.0 1830.0	40 40
PORTNEUF at Topaz	MAR-SEP MAR-JUL	109.0 88.0	77.0 62.0	71 70	121.0 97.0	111 110	33.0 27.0	30 31

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS		
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE THIS YEAR	LAST YEAR	AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE
ISLAND PARK	127.6	93.9	107.4	88.9	Camas-Beaver Creeks	4	255 60
GRASSY LAKE	15.2	8.5	12.7	10.4	Henrys Fork River	9	149 73
JACKSON LAKE	624.4	83.4	84.6	525.6	Teton River	7	103 63
PALISADES	1200.0	682.5	1261.4	1013.1	Snake above Palisades	18	112 74
AMERICAN FALLS	1700.0	829.0	971.4	1002.4	Snake above Jackson Lake	9	136 80
BROWNLEE	975.3	738.9	895.0	825.8	Gros Ventre River	2	89 76
BLACKFOOT		NO REPORT			Greys River	3	87 66
HENRY'S LAKE	90.4	75.0	78.6	74.0	Salt River	1	113 52
RIRIE	96.5	45.4	---	45.4	Willow Creek	10	119 56
					Blackfoot River	3	110 59
					Portneuf River	3	112 59
					Toponce Creek	0	0 0

1 - Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below.
 2 - Corrected for upstream diversions or changes in reservoir storage.
 The average is computed for the 1961-85 base period.

Southside Snake River Basin

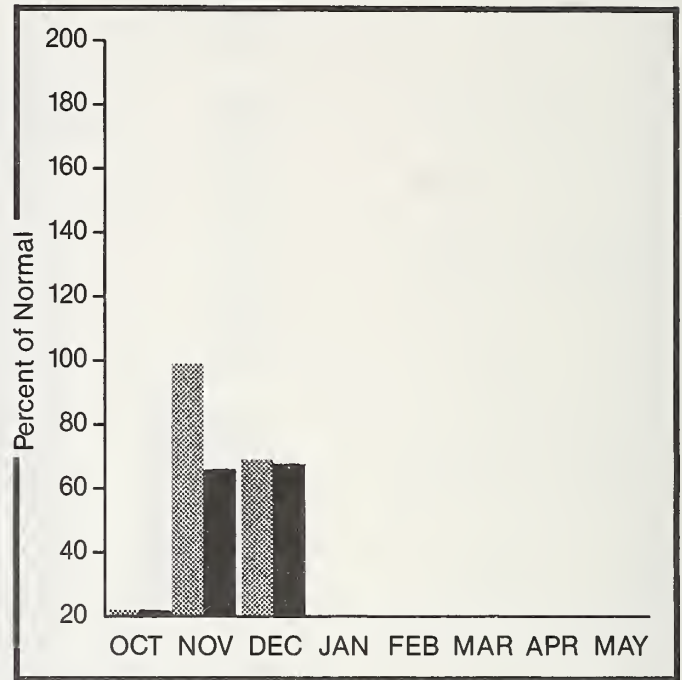
Mountain snowpack* (inches)



*Based on selected stations

Maximum Average
Minimum Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation Year to date precipitation

WATER SUPPLY OUTLOOK:

In general, January 1 snowpack conditions are below to well below normal over most of the basin. A few high elevation stations in the Jarbidge Range, however, report near normal conditions. Basin-wide snowpack conditions currently range from a low of 54% of normal in the Goose and Trapper Creek drainages above Oakley Reservoir to 85% of normal on the Bruneau River. Apr-July streamflows are forecast to be below normal, ranging from 50% for Lake Owyhee inflow to 83% for the Bruneau near Hot Spring. Reservoir carryover storage is below to well below normal. Oakley Reservoir has only 31% of normal storage and only 9% of capacity. Owyhee Reservoir stands at 42% of normal storage and only 23% of capacity. Soil moisture in the basin below normal due to the dry fall conditions.

SOUTHSIDE SNAKE RIVER BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	25 YR. AVG. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	REAS. MAX. (1000AF)	REAS. MAX. (% AVG.)	REAS. MIN. (1000AF)	REAS. MIN. (% AVG.)
OAKLEY RESERVOIR inflow	APR-SEP	33.0	23.0	70	36.0	109	10.0	30
	APR-JUL	29.7	21.0	71	33.0	111	9.0	30
SALMON FALLS CK nr San Jacinto	MAR-SEP	102.0	84.0	82	128.0	125	40.0	39
	MAR-JUL	97.0	80.0	82	122.0	126	38.0	39
	MAR-JUN	91.0	77.0	85	116.0	127	38.0	42
BRUNEAU nr Hot Spring	MAR-SEP	260.0	215.0	83	330.0	127	98.0	38
	MAR-JUL	248.0	205.0	83	315.0	127	93.0	38
OWYHEE RIVER nr Gold Creek 2	APR-JUL	27.8	18.6	67	39.0	140	3.0	11
OWYHEE RIVER nr Owyhee 2	APR-JUL	86.0	47.0	55	91.0	106	3.0	3
OWYHEE LAKE inflow 1	APR-SEP	455.0	225.0	49	616.0	135	50.0	11
	APR-JUL	427.0	214.0	50	580.0	136	43.0	10
OWYHEE at Rome 2	APR-JUL	376.0	188.0	50	385.0	102	38.0	10

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS			
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE **			WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE	
		THIS YEAR	LAST YEAR	AVG.				
OAKLEY	77.4	7.3	26.8	23.7	Raft River	2	157	62
SALMON FALLS	182.6	33.6	91.9	44.9	Goose-Trapper Creeks	2	164	54
OWYHEE	715.0	166.8	468.4	394.6	Salmon Falls Creek	9	243	79
					Bruneau River	8	216	85
					Owyhee River	12	199	87

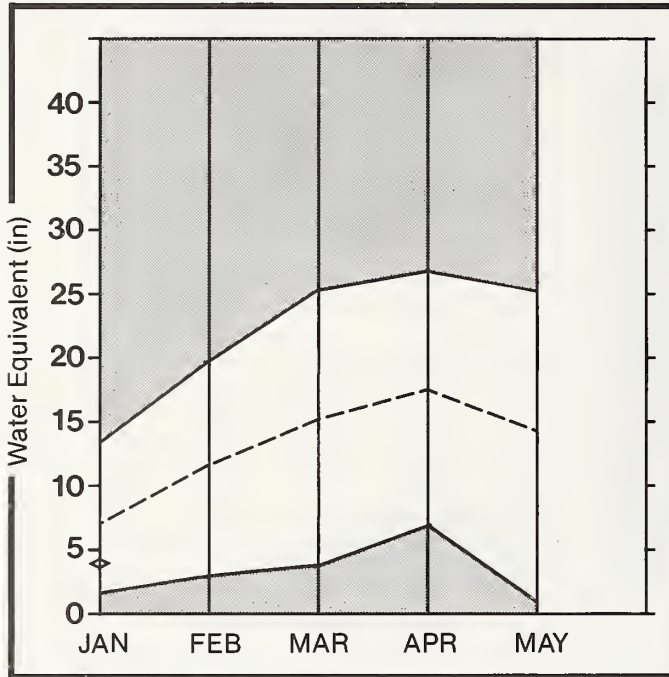
1 - Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below.

2 - Corrected for upstream diversions or changes in reservoir storage.

The average is computed for the 1961-85 base period.

Great Basin

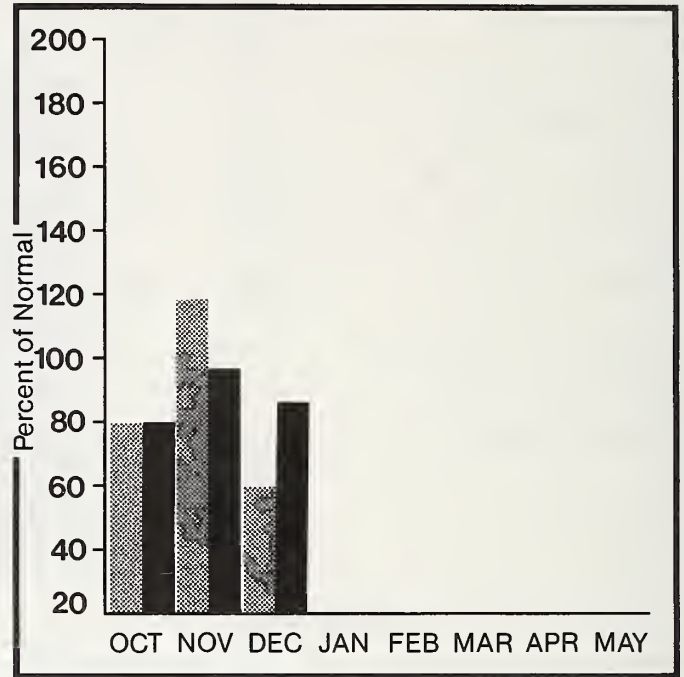
Mountain snowpack* (inches)



*Based on selected stations

Maximum Average
Minimum Current

Precipitation* (percent of normal)



*Based on selected stations

Monthly precipitation Year to date precipitation

WATER SUPPLY OUTLOOK:

Snowpack conditions for the Bear River and its tributaries are well below normal as of January 1. Basin snowpacks range from only 56 to 63% of average. Apr-July seasonal volume streamflows are currently forecast to be below normal ranging from 66% for the Bear at Harer to 77% for the Cub River near Preston. Carryover storage in Bear Lake is reported to be good at 101% of average for January 1.

For more information contact your local Soil Conservation Service office.

GREAT BASIN

STREAMFLOW FORECASTS

FORECAST POINT	FORECAST PERIOD	25 YR. AVG. (1000AF)	MOST PROBABLE (1000AF)	MOST PROBABLE (% AVG.)	REAS. MAX. (1000AF)	REAS. MAX. (% AVG.)	REAS. MIN. (1000AF)	REAS. MIN. (% AVG.)
BEAR at Harer	APR-SEP	310.0	205.0	66	330.0	106	100.0	32
MONTPELIER CK nr Montpelier	APR-SEP	13.9	10.5	75	17.0	122	4.0	29
CUB RIVER nr Preston	APR-SEP	51.8	40.0	77	58.0	112	22.0	43
	APR-JUL	46.8	36.0	77	52.0	111	20.0	43

RESERVOIR STORAGE (1000AF)					WATERSHED SNOWPACK ANALYSIS			
RESERVOIR	USEABLE CAPACITY	** USEABLE STORAGE ** THIS YEAR	LAST YEAR	AVG.	WATERSHED	NO. COURSES AVG'D	THIS YEAR AS % OF LAST YR. AVERAGE	
BEAR LAKE	1421.0	1001.0	1068.8	992.6	Bear River (above Harer)	9	106	61
MONTPELIER CREEK	NO REPORT				Montpelier Creek	7	137	59
					Mink Creek	3	154	59
					Cub River	3	157	56
					Malad River	0	0	0

1 - Reas. max. and reas. min. forecasts are for 5% and 95% exceedance levels and also (2) below.

2 - Corrected for upstream diversions or changes in reservoir storage.

The average is computed for the 1961-85 base period.

SNOW DATA MEASUREMENTS

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85	SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
UPPER COLUMBIA BASIN							WATERSHED I						
ABOVE BURKE	4100	1/04/88	14	3.2	8.0	8.4	ATLANTA SUMMIT	7600	1/01/88	43	9.8	5.9	15.5
ABOVE ROLAND	4350	1/01/88	---	6.2E	11.0	12.9	ATLANTA SUM PILLW	7580	1/01/88	---	9.5	6.1	13.3
BEAR MOUNTAIN	5400	1/01/88	---	15.4	27.9	27.5	ATLANTA TOWNSITE	5370	1/01/88	13	2.0	2.5	---
BEAR MTN PILLW	5400	1/01/88	---	15.6	26.4	28.2	BANNER SUMMIT	7040	1/01/86	---	8.4E	6.6	14.4
BENTON MEADOW	2370	12/29/87	7	1.0	1.2	3.0	BANNER SUMMIT PILLW	7040	1/01/88	---	7.5	6.1	12.6
BENTON SPRING	4920	12/29/87	15	5.1	6.4	8.6	BAO BEAR	4940	12/28/87	11	1.9	2.7	5.7
BREEZY SAOOLE	5010	12/28/87	29	7.1	10.9	12.2	BEAR BASIN	5350	1/01/88	---	2.0E	3.8	8.3
COPPER RIOGE	4820	1/01/86	---	5.3E	8.4	10.5	BEAR BASIN PILLW	5350	1/01/88	---	1.6	3.5	8.1
FORTY-NINE MEADOWS	4830	12/28/87	29	7.1	9.4	12.8	BEAR SAOOLE	6180	12/26/87	24	5.6	3.8	12.4
FOURTH OF JULY SUM	3200	1/04/88	12	.3	.0	3.7	BEAR SAOOLE PILLW	6180	1/01/88	---	6.8	4.1	12.6
KELLOGG PEAK	5560	1/01/88	---	7.3E	11.8	14.4	BENNETT MOUNTAIN	6560	1/01/88	---	2.7E	2.0	8.2
LOOKOUT	5140	1/04/88	28	7.4	13.6	14.5	BENNETT MTN PILLW	6560	1/01/88	---	2.7	2.7	8.4
LOOKOUT PILLW	5140	1/01/88	---	7.1	13.6	14.6	BIG CREEK SUMMIT	6580	1/01/88	---	9.6E	9.5	15.4
LOST LAKE	6110	12/28/87	41	11.1	20.2	25.2	BIG CREEK SUM PILLW	6580	1/01/88	---	6.2	8.0	13.2
LOST LAKE PILLW	6110	1/01/88	---	12.7	---	29.5	BOGUS BASIN	6340	12/28/87	13	3.5	3.5	9.9
LOWER SANOS CREEK	3120	1/01/88	---	3.3E	6.1	7.6	BOGUS BASIN ROAD	5540	12/28/87	1	.2E	.0	3.1
MOSQUITO RIOGE	5200	1/01/88	---	9.9E	12.5	17.1	BOULDER CREEK	5440	1/01/88	---	5.0E	3.9	10.0
MOSQUITO PILLW	5200	1/01/88	---	9.3	12.0	17.0	BRUNOAGE MOUNTAIN	7560	1/01/88	---	11.0E	11.5	20.6
ROLAND SUMMIT	5120	1/01/88	---	8.5E	14.0	16.8	BRUNOAGE RESV PILLW	4500	1/01/88	---	5.8	6.8	---
SCHWEITZER BASIN	6090	12/31/87	55	17.6	18.4	22.7	CAMAS CREEK DIVIOE	5710	1/01/86	9	3.6	1.0	---
SCHWEITZER BN PILLW	6090	1/01/88	---	12.8	19.4	23.8	CHIMNEY CREEK	6400	1/01/88	17	3.3	.0	7.5
SCHWEITZER BOWL	4800	12/31/87	34	9.9	10.4	13.8	COUCH SUMMIT	6840	1/01/88	23	4.4	1.0	8.0
SCHWEITZER RIOGE	6200	12/31/87	48	15.7	17.9	21.3	COZY COVE	5380	1/01/88	20	3.5	2.1	7.2
SHERWIN	3200	12/30/87	12	2.5	3.7	5.6	COZY COVE PILLW	5380	1/01/88	---	4.0	2.4	10.7
SHERWIN PILLW	3200	1/01/88	---	2.2	3.1	5.5	CRAWFORD R.S.	4860	12/27/87	6	1.0	2.0	3.1
SUNSET	5540	1/01/88	---	5.3E	12.1	14.7	DEADMAN GULCH	5600	12/25/87	15	3.2	3.8	7.7
SUNSET PILLW	5540	1/01/88	---	5.4	13.4	16.1	DEADWOOD AIRSTRIP	5360	1/01/88	---	3.7E	2.4	7.0
							DEADWOOD SUMMIT	6860	1/01/88	49	12.4	8.1	21.2
							DEADWOOD SUM PILLW	6860	1/01/88	---	12.1	8.8	23.0
							OLLARHIOE SUMMIT	8420	1/01/88	27	6.5	3.4	11.5
							OLLARHIOE SM PILLW	8420	1/01/88	---	6.6	4.0	11.6
							GRAHAM GUARO STATION	5690	1/01/88	17	3.2	3.1	7.1
							GRAHAM G.S. PILLW	5690	1/01/88	---	2.0	2.8	7.8
							IOAHO CITY TOWNSITE	4000	12/28/87	6	1.1	.0	2.7
							JACKSON PEAK	7070	1/01/88	33	7.6	5.8	14.6
							JACKSON PEAK PILLW	7070	1/01/88	---	6.9	7.0	12.9
							LAKE FORK	5290	12/26/87	11	1.5	3.8	7.1
							LITTLE CAMAS FLAT	4940	1/03/88	4	.5	.0	3.2
							MOORE'S CREEK SUMMIT	6100	12/28/87	27	7.1	6.1	13.9
							MOORE'S CK SUM PILLW	6100	1/01/88	---	7.4	5.5	14.4
							PAIRIE	4800	12/29/87	3	.7	.0	3.0
							PAIRIE PILLW	4800	1/01/88	---	.7	.0	---
							ROAO CREEK	5380	1/02/88	9	1.4	1.6	4.3
							ROCK FLAT SUMMIT	5310	12/26/87	14	2.0	4.0	7.6
							SECESH SUMMIT	6520	12/26/87	34	8.3	8.2	15.5
							SECESH SUMMIT PILLW	6520	1/01/88	---	8.1	6.6	15.6
							SOLOIER R.S.	5740	1/01/88	16	2.9	.0	5.5
							SOLOIER R.S. PILLW	4330	1/01/88	---	3.1	.2	---
							SQUAW FLAT	6240	1/01/88	---	6.1E	5.0	9.9
							SQUAW FLAT PILLW	6240	1/01/88	---	4.9	4.0	8.4
							SQUAW MEADOW	5900	12/26/87	28	8.0	7.3	15.8
							TRINITY MOUNTAIN	7770	1/02/88	48	12.4	5.1	19.6
							TRINITY MTN. PILLW	7770	1/01/88	---	12.2	7.4	19.0
							TRIPPOO SUMMIT	5260	12/27/87	16	3.2	6.4	8.0
							VIENNA MINE	8960	1/01/88	41	10.6	6.4	15.9
							VIENNA MINE PILLW	8960	1/01/88	---	10.0	6.0	15.9
							WEST BRANCH	5560	12/31/87	23	3.9	4.1	11.2
							WEST BRANCH PILLW	5560	1/01/88	---	5.3	5.3	11.0
CLEARWATER AND SALMON BASINS							WATERSHED II						
BANNER SUMMIT	7040	1/01/88	---	8.4E	6.6	14.4	BIG WOOD, LITTLE WOOD, BIG LOST AND LITTLE LOST BASINS						
BANNER SUMMIT PILLW	7040	1/01/88	---	7.5	6.1	12.6	BEAR CANYON	7900	1/01/88	---	6.6E	.9	8.3
BEAR BASIN	5350	1/01/88	---	2.0E	3.8	8.3	BEAR CANYON PILLW	7900	1/01/88	---	5.5	.8	7.8
BEAR BASIN PILLW	5350	1/01/88	---	1.6	3.5	6.1	BENNETT MOUNTAIN	6560	1/01/88	---	2.7E	2.0	8.2
BIG CREEK SUMMIT	6580	1/01/88	---	9.6E	9.5	15.4	BENNETT MTN PILLW	6560	1/01/88	---	2.7	2.7	8.4
BIG CREEK SUM PILLW	6580	1/01/88	---	8.2	8.0	13.2	CAMAS CREEK DIVIOE	5710	1/01/88	9	3.6	1.0	---
BOULDER CREEK	5440	1/01/86	---	5.0E	3.9	10.0	CHIMNEY CREEK	6400	1/01/88	17	3.3	.0	7.5
BREEZY SAOOLE	5010	12/28/87	29	7.1	10.9	12.2	COPPER BASIN	7640	1/01/88	---	1.6E	.5	3.3
BRUNOAGE MOUNTAIN	7560	1/01/88	---	11.0E	11.5	20.8	COUCH SUMMIT	6840	1/01/88	23	4.4	1.0	8.0
BRUNO CREEK	7920	1/04/88	26	6.0	5.6	9.1	COLLARHIOE SUMMIT	8420	1/01/88	27	6.5	3.4	11.5
CAYUSE AIRSTRIP	3500	12/28/87	15	2.8	3.7	5.5	COLLARHIOE SM PILLW	8420	1/01/88	---	6.6	4.0	11.6
COOL CREEK	6250	12/28/87	39	10.5	15.0	24.0	GALENA	7440	1/01/88	---	4.8E	2.5	8.4
CUOL CREEK PILLW	6280	1/01/88	---	10.4	14.8	22.4	GALENA PILLW	7440	1/01/88	---	6.0	3.2	8.3
CRATER MEADOWS	5960	12/28/87	33	6.2	12.9	19.1	GALENA NEW	7470	12/28/87	24	5.2	2.2	8.8
CRATER MOWS PILLW	5960	1/01/88	---	9.1	14.2	19.7	GALENA SUMMIT	8760	12/28/87	28	6.5	3.5	11.0
CROOKED FORK	3610	12/30/87	19	4.4	4.3	5.2	GALENA SUMMIT PILLW	8760	1/01/88	---	6.7	3.1	8.9
DEADWOOD SUMMIT	6860	1/01/88	49	12.4	8.1	21.2	GARFIELD R.S.	6560	12/30/87	11	1.9	.0	4.5
DEADWOOD SUM PILLW	6860	1/01/88	---	12.1	8.8	23.0	GARFIELD R.S. PILLW	6560	1/01/88	---	2.6	.0	4.2
ELK BUTTE	5550	12/29/87	25	5.8	9.2	15.6	GRAHAM RANCH	6270	12/28/87	15	2.4	1.3	5.4
ELK BUTTE PILLW	5550	1/01/86	---	6.9	11.3	17.6	HILTS CREEK	8000	12/30/87	22	4.0	1.5	5.4
FISH LAKE AIRSTRIP	5650	12/28/87	38	10.2	11.7	17.3	HILTS CREEK PILLW	8000	1/01/88	---	5.4	1.6	6.3
FORTY-NINE MEADOWS	4830	12/28/87	29	7.1	9.4	12.8	HYNDMAN CREEK	7440	1/01/88	---	5.1E	1.4	6.8
GALENA SUMMIT	8780	12/28/87	28	6.5	3.5	11.0	HYNDMAN PILLW	7440	1/01/88	---	4.6	1.0	5.4
GALENA SUMMIT PILLW	8780	1/01/88	---	6.7	3.1	8.9	LITTLE CAMAS FLAT	4940	1/03/88	4	.5	.0	3.2
GIBBONS PASS	7100	12/30/87	30	5.9	5.2	9.7	LOST-WOOD DIVIOE	7900	1/01/88	---	7.1E	2.8	10.1
HEMLOCK BUTTE	5610	12/28/87	33	8.5	13.8	21.4	LOST-WOOD DIVO PILLW	7900	1/01/88	---	7.2	2.5	10.1
HEMLOCK BUTTE PILLW	5810	1/01/88	---	8.2	14.1	19.5	MASCOT MINE	7780	1/01/88	---	5.0E	1.	

SNOW DATA MEASUREMENTS (cont.)

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85	SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-85
WILLOW, BLACKFOOT, UPPER SNAKE AND PORTNEUF BASINS							WATERSHED V						
ASPEN GROVE	6500	1/01/88	---	3.0E	2.1	--	ANTELOPE RIDGE	6180	12/27/87	---	1.0E	.6	--
GIG SPRINGS	6400	12/30/87	26	4.9	3.9	8.3	BADGER GULCH	6660	1/02/88	15	2.4	1.6	4.8
BIRCH CREEK	6800	12/29/87	10	2.3	2.4	4.0	BEAR CREEK	7800	1/01/88	---	6.5E	2.3	8.9
BLACK BEAR	7950	12/30/87	53	13.4	8.4	17.6	BIG BEND	6700	1/04/88	16	2.8	.9	3.9
BLUE LEDGE MINE	6900	12/31/87	25	5.9	1.9	6.1	BOSTETTER R.S.	7500	1/02/88	29	5.3	3.1	9.4
BLUE RIDGE	6780	12/29/87	17	4.1	3.6	7.3	BOSTETTER RS PILLOW	7500	1/01/88	---	7.3	2.6	7.6
BONE	6200	12/29/87	9	1.5	.0	2.8	CLEAR CREEK MEADOWS	9420	1/01/88	---	6.1E	3.8	9.5
BROCKMAN STATION	6430	12/29/87	14	2.7	2.5	4.2	COLUMBIA BASIN AM	6650	12/29/87	29	5.2	.0	.4
CAMP CREEK	6580	12/29/87	12	2.0	1.2	4.4	DEADLINE	7400	1/02/88	27	5.8	2.5	9.4
COULTER CREEK	7020	1/01/88	---	6.5E	5.8	9.7	DEADLINE SOUTH	7450	1/02/88	32	6.0	2.9	10.7
COULTER CREEK PILLOW	7020	1/01/88	---	6.4	4.5	10.5	GOAT CREEK	8800	1/01/88	---	6.9E	3.3	7.4
CRAB CREEK	6860	12/31/87	22	4.5	1.2	7.5	GULO CREEK	6600	1/04/88	12	1.9	.6	2.5
CRAB CREEK PILLOW	6860	1/01/88	---	4.8	1.1	7.9	HOWELL CANYON	7980	1/05/88	30	6.9	4.5	11.6
FALL CREEK	6820	12/29/87	8	1.2	1.8	3.9	HOWELL CANYON PILLOW	7980	1/01/88	---	4.9	3.5	9.5
FREDS MOUNTAIN	8000	1/01/88	---	8.7E	--	10.4	HUMMINGBIRD SPRINGS	8950	1/01/88	---	11.2E	4.4	10.3
GRASSY LAKE	7270	1/04/88	48	11.6	8.8	15.1	JACK CREEK, LOWER	6800	1/07/88	17	3.0	.8	1.1
GRASSY LAKE PILLOW	7270	1/01/88	---	10.3	9.3	15.8	JACKS PEAK	6420	1/01/88	---	6.5E	4.4	9.2
INDIAN MEADOWS	9420	12/29/87	45	12.8	8.9	15.4	LANGFORD FLAT CREEK	5980	1/02/88	17	2.2	.0	2.6
ISLAND PARK	6290	12/30/87	23	4.7	3.0	6.8	LAUREL DRAW	6700	1/01/88	---	3.2E	3.3	3.7
ISLAND PARK PILLOW	6290	1/01/88	---	5.1	1.9	6.6	MAGIC MOUNTAIN	6880	1/02/88	27	4.9	2.7	6.2
JACKPINE CREEK	7350	12/29/87	27	6.8	4.6	--	MAGIC MTN PILLOW	6880	1/01/88	---	5.3	3.0	8.2
KILGORE	6320	12/31/87	18	2.4	1.5	4.7	MERRIT MOUNTAIN AM	7000	12/29/87	24	4.3	.0	--
LAVA CREEK	7350	12/29/87	19	3.4	3.1	6.5	MUD FLAT	5730	12/27/87	5	.8	1.5	3.1
LOWER PEBBLE	5780	1/01/88	---	3.4E	2.7	5.3	MUD FLAT PILLOW	5730	1/01/88	---	1.6	.0	2.3
MADISON PLATEAU	7750	12/30/87	34	7.5	5.0	9.3	POLE CREEK R.S.	8330	1/01/88	---	8.9E	4.2	8.6
MC RENOLDS RESERVOIR	6720	12/29/87	21	4.3	3.2	8.0	SEVENTYSIX CREEK	7100	1/01/88	---	4.6E	3.0	6.3
MINK CREEK	6410	1/01/88	---	4.6E	4.5	8.5	SEVENTYSIX CK SNOTEL	7100	1/01/88	---	2.5	--	6.1
MUD CREEK	7100	12/29/87	21	4.9	5.1	7.9	SHOSHONE BASIN	5810	1/01/88	---	2.3E	.2	3.0
PACKSADDLE SPRING	8200	12/29/87	28	7.2	6.0	12.4	SOUTH MOUNTAIN	6500	12/27/87	15	3.1	3.0	6.3
PINE CREEK PASS	6810	12/30/87	23	3.1	3.6	7.2	SOUTH MTN PILLOW	6500	1/01/88	---	3.8	2.2	5.5
SANTILL MOUNTAIN	8720	12/30/87	44	11.5	6.9	14.6	TAYLOR CANYON	6200	1/06/88	14	2.3E	.5	2.5
SHEEP MOUNTAIN	6570	12/29/87	16	3.0	1.8	4.9	TOE JAM AM	7700	12/29/87	24	4.3	--	4.6
SHEEP MTN PILLOW	6570	1/01/88	---	3.6	2.5	5.6	GREAT BASIN						
SLUG CREEK DIVIDE	7230	1/01/88	---	4.0E	3.8	6.9	CUB RIVER R.S.	5450	12/26/87	16	2.3	.7	4.1
SLUG CK DVD PILLOW	7230	1/01/88	---	4.3	4.0	8.0	EMIGRANT SUMMIT	7390	1/04/88	36	6.9	4.8	10.2
SUMSEN RANCH	6840	1/01/88	---	3.9E	3.5	6.3	EMIGRANT SUM PILLOW	7390	1/01/88	---	6.6	3.6	11.3
SUMSEN RANCH PILLOW	6840	1/01/88	---	3.7	3.6	5.1	FRANKLIN BASIN	8020	12/26/87	26	5.4	4.8	10.2
STATE LINE	6680	12/30/87	21	3.3	5.5	6.2	FRANKLIN BSN PILLOW	8040	12/26/87	---	6.5	5.9	11.4
TARGHEE PASS	6980	1/01/88	---	2.7E	--	6.2	GIVEDUT	6860	1/01/88	---	3.0E	1.4	5.2
TEX CREEK	6650	1/01/88	---	2.8E	1.3	5.0	GIVEDUT PILLOW	6840	1/01/88	---	3.1	1.1	5.0
VALLEY VIEW	6680	12/30/87	16	2.9	2.3	6.4	GIVEDUT NEW	6930	1/01/88	---	2.7E	1.2	4.4
WHISKEY CREEK	6800	12/30/87	30	5.1	4.3	7.7	LIBERTY SPRING	8600	1/01/88	---	8.6E	4.2	15.6
WHITE ELEPHANT	7710	12/30/87	36	8.2	4.1	10.1	LITTLE BEAVER	6790	1/01/88	---	3.7E	1.7	6.1
WHITE ELEPHANT PILL	7710	1/01/88	---	8.6	5.1	11.2	LOWER HOME CANYON	7640	1/01/88	---	3.4E	3.3	5.7
WILHORSE DIVIDE	6490	1/01/88	---	4.7E	4.1	7.8	MONTPELIER CREEK	6540	1/01/88	---	2.0E	.9	3.5
WILHORSE DVD PILLOW	6490	1/01/88	---	4.1	3.4	6.6	OXFORD MOUNTAIN	6800	1/01/88	---	3.1E	.0	--
							OXFORD SPRING PILLOW	6740	1/01/88	---	3.2	.0	4.3
							STRAWBERRY-MINK DVD	6720	1/01/88	---	5.2E	4.4	9.4
							UPPER HOME CANYON	8560	1/01/88	---	5.4E	5.3	9.2
							WILLOW FLAT	6070	12/26/87	23	4.2	2.1	6.9

The Following Organizations Cooperate With The Soil Conservation Service In Snow Survey Work

State

Idaho Department of Water Resources
Soil and Water Conservation Districts of Idaho

Federal

U.S. Department of Agriculture
Forest Service
U.S. Department of Army
Corps of Engineers
U.S. Department of Commerce
NOAA, National Weather Service
U.S. Department of Interior
Bureau of Reclamation
Geological Survey, Water Resources Division
Shoshone-Bannock Tribal Council

Local

Big Lost River Irrigation District
Big Wood Irrigation Company
Boise Project Board of Control
Idaho Water District #01
Lewiston Orchards Irrigation District
Little Wood River Irrigation District
North Board of Control — Owyhee Project
Salmon Falls Irrigation Company
South Board of Control — Owyhee Project

Private

Cyprus Mining Company
FMC Corporation
Idaho Power Company
Le Bois Resort
Washington Water Power Company

Other organizations and individuals furnish information for the snow survey reports. Their cooperation is gratefully acknowledged.

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